

Abstract

COATING MATERIAL THAT CAN BE CURED THERMALLY OR BY
ACTINIC RADIATION, AND ITS USE

5 The invention relates to a coating material that
can be cured thermally or by actinic radiation and that
contains at least one component (a1) with at least two
functional groups (a11) which serve for cross-linking,
by actinic radiation, and at least one functional group
10 (a12) that can enter into thermal cross-linking
reactions with the hydroxyl and/or thiol groups (a21)
in component (a2), at least one branched cyclic and/or
acyclic C₉-C₁₆ alkane (a2)) that is functionalized with
at least two hydroxyl or thiol groups (a21) or with at
15 least one hydroxyl and at least one thiol group, and
optionally at least one photo initiator (a3), at least
one initiator of the thermal cross-linking reaction
(a4), at least one reactive diluent that is cured by
actinic radiation and/or thermally, at least one
20 lacquer additive (a6), at least one thermally curable
component (a7) and/or at least one organic solvent
(a8). The inventive coating material is used to produce
transparent lacquers and multi-layer chromophor and/or
effect lacquer.

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